

neaspect 国内用户文章列表

更新至 2024 年 3 月, 总计文章超过 178 篇; 影响因子 >10 文章 90 篇



发表时间	期刊	文章题目	影响因子	机构
2024	Nature Materials	Compensating losses in polariton propagation with synthesized complex frequency excitation	47.67	香港大学 国家纳米科学中心
2024	Advanced Optical Materials	Dispersion Engineering of In-Plane Anisotropic Phonon Polaritons in hBN/Te van der Waals Heterostructures	10.05	深圳大学
2024	Small Methods	Helium Ion-Assisted Wet Etching of Silicon Carbide with Extremely Low Roughness for High-Quality Nanofabrication	15.37	中国科技大学
2024	Crystal Growth & Design	Correlating the Anisotropic Etching Behavior in Layered Chalcogenide Sb ₂ Te ₃ with Crystal Defect Distribution	4.01	大连化物所
2023	Science	Overcoming losses in superlenses with synthetic waves of complex frequency	41	香港大学 国家纳米科学中心
2023	Nanoscale	Néel-type optical target skyrmions inherited from evanescent electromagnetic fields with rotational symmetry	6.7	中山大学
2023	Nature Communications	Observation of directional leaky polaritons at anisotropic crystal interfaces	17.7	中南大学 华中科技大学
2023	International Journal of Extreme Manufacturing	Laser patterning of large-scale perovskite single-crystal-based arrays for single-mode laser displays	14.7	中国科技大学
2023	SMALL	High Thermoelectric Performance of Non-Stoichiometric and Oriented GeTe Thin Films	13.3	大连化物所
2023	Nature Communications	Visible to mid-infrared giant in-plane optical anisotropy in ternary van der Waals crystals	17.7	长春光机所
2023	Science Advances	Ultrafast anisotropic dynamics of hyperbolic nanolight pulse propagation	14.98	华中科技大学
2023	Journal of Physical Chemistry C	Formation of Anti-Etching Nanopatterns in Field-Emission Scanning Probe Lithography on Calixarene Films	4.18	国家纳米科学中心
2023	Nano Letter	Reconstruction of the Near-Field Electric Field by SNOM Measurement	12.26	清华大学
2023	Scientific Reports	Research on the localized lightfield features of metallic nano-cone-tip optical antenna via investigating near-field lightwave and correlated net-charge distribution	4.6	华中科技大学
2023	Materials Today Energy	Enhancing thermoelectric properties of AgSbTe ₂ thin films by modulating vacancies and microstructures	9.26	大连化物所
2023	Optical Materials	Broadband and ultrafast terahertz modulation with GeTe thin films	10.05	华中科技大学
2023	Nature Nanotechnology	Hyperbolic whispering-gallery phonon polaritons in boron nitride nanotubes	39.21	国家纳米科学中心
2023	Science	Gate-tunable negative refraction of mid-infrared polaritons	63.83	国家纳米科学中心
2023	Science Bulletin	Tunable heterostructural prism for planar polaritonic switch	20.58	中科院物理所
2023	Nano Research	Graphene-coated conductive probes with enhanced sensitivity for nanoIR spectroscopy	10.27	厦门大学
2023	Surface and Coatings Technology	Effect of cryogenic laser surface modification on the microstructure evolution and corrosion resistance of accident-tolerant FeCrAl alloys	4.87	清华大学
2023	Frontiers in Microbiology	Label-free detection and identification of single bacteria via terahertz near-field imaging	6.06	浙江大学城市学院
2023	Nanoscale	Phonon polaritons in van der Waals polar heterostructures for broadband strong light-matter interactions	8.31	华中科技大学
2023	Nature Communications	Hyperbolic polaritonic crystals with configurable low-symmetry Bloch modes	17.7	东北大学
2023	Nature Communications	Mid-infrared analogue polaritonic reversed Cherenkov radiation in natural anisotropic crystals	17.7	国家纳米科学中心
2023	ACS Photonics	Focusing of Hyperbolic Phonon Polaritons by Bent Metal Nanowires and Their Polarization Dependence	7.08	上海技物所
2023	ACS Applied Optical Materials	Terahertz Nanoscopy of Metal and Gallium Implanted Silicon		中国科学院上海微系统与信息技术研究所
2023	eLight	Source-configured symmetry-broken hyperbolic polaritons		华中科技大学
2023	Advanced Optical Materials	Laser-Printed Terahertz Plasmonic Phase-Change Metasurfaces	9.0	华中科技大学
2023	Laser & Photonics Reviews	Manipulating the Self-Trapped Excitons in the Lead Iodide/Hexagonal Boron Nitride van der Waals Heterostructures	10.95	深圳大学
2023	Advanced Optical Materials	Tailoring the Phonon Polaritons in α -MoO ₃ via Proton Irradiation	9.0	长春光机所
2022	iScience	A terahertz near-field nanoscopy revealing edge fringes with a fast and highly sensitive quantum-well photodetector	6.1	中国科学院上海微系统与信息技术研究所
2022	Science Advances	Unidirectionally excited phonon polaritons in high-symmetry orthorhombic crystals	14.14	电子科技大学
2022	Scientific Reports	Lightwave nano-converging enhancement by an arrayed optical antenna based on metallic nano-cone-tips for CMOS imaging detection	5.00	华中科技大学
2022	Nano Energy	Multilevel memory and artificial synaptic plasticity in P(VDF-TrFE)-based ferroelectric field effect transistors	19.07	黑龙江大学
2022	ACS Nano	Engineering Graphene Grain Boundaries for Plasmonic Multi-Excitation and Hotspots	15.89	中国科学院金属研究所

2022	Nature Nanotechnology	Real-space nanoimaging of hyperbolic shear polaritons in a monoclinic crystal	39.21	华中科技大学
2022	Nature Nanotechnology	Doping-driven topological polaritons in graphene α -MoO ₃ heterostructures	39.21	国家纳米科学中心
2022	Nanoscale	A planar plasmonic nano-gap and its array for enhancing light-matter interactions at the nanoscale	8.31	中山大学
2022	Review of Scientific Instruments	Nanoscale thermometry under ambient conditions via scanning thermal microscopy with 3D scanning differential method	1.59	中国科学院 大连化学物理研究所
2022	SMALL	Graphene Coated Dielectric Hierarchical Nanostructures for Highly Sensitive Broadband Infrared Sensing	15.15	厦门大学
2022	Nano Lett.	Ultralow-Loss Phonon Polaritons in the Isotope-Enriched α -MoO ₃	11.24	中国科学院 物理研究所
2022	Adv. Mater.	Controlling and Focusing In-Plane Hyperbolic Phonon Polaritons in α -MoO ₃ with a Curved Plasmonic Antenna	25.81	中山大学
2022	Applied Physics Reviews	Near-field nano-spectroscopy of strong mode coupling in phonon-polaritonic crystals	19.16	杭州电子科技大学
2022	ACS Appl. Nano Mater.	Ni-Doped Ti3CNTx-Coated Nanoporous Covalent Organic Frameworks to Accelerate Hydrogen Diffusion for Enhanced Hydrogen Evolution	5.10	华东师范大学
2022	Optical Materials Express	Plasmonic nano-focusing enhancement of nano-rhombus-shaped resonators in the sub-diffraction limit for highly efficient lightwave collection	3.07	华中科技大学
2022	Adv. Photonics Research	Ultraviolet/Visible Quasicylindrical Waves on Semimetal Cd ₃ As ₂ Nanoplates	1.9	北京大学
2022	Nature Communications	Hierarchically encapsulating enzymes with multi-shelled metal-organic frameworks for tandem biocatalytic reactions	17.69	华东师范大学
2022	Nanotechnology	Nanometer-scaled landscape of polymer: fullerene blends mapped with visible s-SNOM	3.73	台湾中央研究院
2022	Nature Communications	Strong in-plane scattering of acoustic graphene plasmons by surface atomic steps	17.69	南开大学
2022	Nature Communications	In situ infrared nanospectroscopy of the local processes at the Li/polymer electrolyte interface	17.69	四川大学
2022	Light: science & applications	Hybrid Dirac semimetal-based photodetector with efficient low-energy photon harvesting	18.49	上海技物所
2022	Nano Lett.	Revealing the Interaction of Charge Carrier-Phonon Coupling by Quantification of Electronic Properties at the SrTiO ₃ /TiO ₂ Heterointerface	11.24	厦门大学
2022	Adv. Optical Mater.	Tunable Hyperbolic Phonon Polaritons in a Suspended van der Waals α -MoO ₃ with Gradient Gaps	9.93	中山大学
2022	Nano Energy	Multilevel memory and artificial synaptic plasticity in P(VDF-TrFE)-based ferroelectric field effect transistors	17.88	黑龙江大学
2022	Nano Research	Infrared nanoimaging of nanoscale sliding dislocation of collagen fibrils	8.90	西安交通大学
2022	Adv. Energy Mater.	Plasmonic Local Heating Induced Strain Modulation for Enhanced Efficiency and Stability of Perovskite Solar Cells	15.23	香港城市大学
2022	Nature Communications	Active control of micrometer plasmon propagation in suspended graphene	17.69	国家纳米科学中心
2022	Adv. Mater.	Tunable planar focusing based on hyperbolic phonon polaritons in α -MoO ₃	25.81	国家纳米科学中心
2022	Nature Materials	Single-junction organic solar cells with over 19% efficiency enabled by a refined double-fibril network morphology	38.89	上海交大
2022	Journal of Materials Processing Technology	Enhanced corrosion resistance in accident-tolerant FeCrAl alloy by water-assisted laser surface modification	5.55	清华大学
2022	Adv. Mater.	Ultrasensitive Mid-Infrared Biosensing in Aqueous Solutions with Graphene Plasmons	25.81	国家纳米科学中心
2021	Nature	Ghost hyperbolic surface polaritons in bulk anisotropic crystals	42.8	华中科技大学
2021	Nano Lett.	Nanoinfrared Characterization of Bilayer Graphene Conductivity under Dual-Gate Tuning	11.24	南开大学
2021	Light: Science & Applications	Quantification of electron accumulation at grain boundaries in perovskite polycrystalline films by correlative infrared-spectroscopic nanoimaging and Kelvin probe force microscopy	14.10	厦门大学
2021	Adv. Optical Mater.	A Nano-Imaging Study of Graphene Edge Plasmons with Chirality-Dependent Dispersions	8.29	中山大学
2021	Adv. Mater.	High-Efficiency Organic Photovoltaics using Eutectic Acceptor Fibrils to Achieve Current Amplification	27.40	上海交通大学
2021	Nano Lett.	High-Quality All-Inorganic Perovskite CsPbBr ₃ Microsheet Crystals as Low-Loss Subwavelength Exciton-Polariton Waveguides	11.24	中山大学
2021	Nanoscale	Polariton waveguide modes in two-dimensional van der Waals crystals: an analytical model and correlative nano-imaging	6.90	中山大学
2021	Materials Today	Periodical concentration of surface plasmon polaritons by wave interference in metallic film with nanocavity array	26.42	清华大学
2021	Adv. Mater.	Buried Interfaces in Halide Perovskite Photovoltaics	27.40	北京大学
2021	Acta Materialia	Subsurface structural change of silica upon nanoscale physical contact: Chemical plasticity beyond topographic elasticity	8.20	西南科技大学
2021	Nanomaterials	Recent Progress on the Characterization of Cellulose Nanomaterials by Nanoscale Infrared Spectroscopy	4.32	江苏大学

2021	J. Mater. Chem. C	Optimized active layer morphology via side-chain atomic substituents to achieve efficient and stable all-polymer solar cells	7.39	华南理工大学
2021	Applied Physics Express	Direct observation of tip-gap interactions in THz scattering-type scanning near-field optical microscopy	2.90	电子科技大学
2021	Appl. Phys. Lett.	Manipulating the anisotropic phase separation in strained VO ₂ epitaxial films by nanoscale ion-implantation	4.19	中国科学技术大学
2021	Optics Lett.	Detection of ion implantation in focused ion beam processing by scattering-type scanning near-field optical microscopy	3.78	中国科学技术大学
2021	Langmuir	UV-Assisted Li ⁺ -Catalyzed Radical Grafting Polymerization of Vinyl Ethers: A New Strategy for Creating Hydrolysis-Resistant and Long-Lived Polymer Brushes as a "Smart" Surface Coating	3.77	北京化工大学
2021	Small	Near-Field Nanoscopic Terahertz Imaging of Single Proteins	11.46	中国科学院 重庆绿色智能技术研究院
2021	Journal of Neurochemistry	Clusterin inhibits A β ₄₂ aggregation through a "strawberry model" as detected by FRET-FCS	4.07	北京交通大学
2021	Phys. Chem. Chem. Phys.	A graphene-Mo ₂ C heterostructure for a highly responsive broadband photodetector	3.68	澳门大学
2021	RSC Adv.	Antifouling hydrogel film based on a sandwich array for salivary glucose monitoring	3.25	郑州大学
2021	Adv. Sci.	Van der Waals Phonon Polariton Microstructures for Configurable Infrared Electromagnetic Field Localizations	16.81	中山大学
2021	Adv. Optical Mater.	Edge-Orientation Dependent Nanoimaging of Mid-Infrared Waveguide Modes in High-Index PtSe ₂	8.29	香港理工大学
2021	Adv. Mater.	Thermoplastic Elastomer Tunes Phase Structure and Promotes Stretchability of High-Efficiency Organic Solar Cells	27.40	天津大学
2021	ACS Appl. Mater. Interfaces	Photoassisted Electron-Ion Synergic Doping Induced Phase Transition of n-VO ₂ /p-GaN Thin-Film Heterojunction	9.23	中国科学技术大学
2020	ACS Photonics	Terahertz Nanoimaging and Nanospectroscopy of Chalcogenide Phase-Change Materials	6.88	华中科技大学
2020	Nat. Commun.	Edge-oriented and steerable hyperbolic polaritons in anisotropic van der Waals nanocavities	12.12	中国地质大学 (武汉)
2020	Sci. & App.	Light-induced irreversible structural phase transition in trilayer graphene	14.10	国防科学技术大学
2020	Nat. Commun.	Collective near-field coupling and nonlocal phenomena in infrared-phononic metasurfaces for nano-light canalization	12.12	华中科技大学
2020	J. Cat.	Rational electronic control of carbon dioxide reduction over cobalt oxide	7.72	山西大学
2020	ACS Appl. Mater. Interfaces	Pyramid-Shaped Single-Crystalline Nanostructure of Molybdenum with Excellent Mechanical, Electrical, and Optical Properties	9.23	中山大学
2020	ACS Nano	Infrared Nanoimaging of Surface Plasmons in Type-II Dirac Semimetal PtTe ₂ Nanoribbons	14.59	香港理工大学
2020	Nat. Mater.	Broad spectral tuning of ultra-low-loss polaritons in a van der Waals crystal by intercalation	35.75	上海微系统所 & 长春光机所
2020	Nat. Phys.	Moiré engineering of electronic phenomena in correlated oxides	32.52	中国科学技术大学
2020	Adv. Mater.	Efficient All-Optical Plasmonic Modulators with Atomically Thin Van Der Waals Heterostructures	21.95	国家纳米中心
2020	Adv. Mater.	Nanoscale Guiding of Infrared Light with Hyperbolic Volume and Surface Polaritons in van der Waals Material Ribbons	21.95	华中科技大学
2020	ACS Appl. Mater. Interfaces.	Super-Slippery Degraded Black Phosphorus/ Silicon Dioxide Interface	7.50	清华大学
2020	Chem. Eng. J.	Facile preparation and synergetic energy releasing of nano-Al@RDX@Viton hollow microspheres	5.31	北京理工大学
2020	RSC Adv.	Near-field imaging of the multi-resonant mode induced broadband tunable metamaterial absorber	3.79	上海光机所
2020	Opt. Expr.	Visibility of subsurface nanostructures in scattering-type scanning near-field optical microscopy imaging	3.36	中国科学技术大学
2020	Opt. Mater. Expr.	Optical modulator based on the coupling effect of different surface plasmon modes excited on the metasurface	2.84	华中科技大学
2019	Adv. Mater.	Modern Scattering-Type Scanning Near-Field Optical Microscopy for Advanced Material Research	21.95	国家纳米中心 & 上海理工大学
2019	Adv. Mater.	Phase-Change Hyperbolic Heterostructures for Nanopolaritons: A Case Study of hBN/VO ₂	21.95	国家纳米中心
2019	Adv. Mater.	Tunable Modal Birefringence in a Low-Loss Van Der Waals Waveguide	21.95	国家纳米中心
2019	J. Am. Chem. Soc.	Solution Processing for Lateral Transition Metal Dichalcogenides Homojunction from Polymorphic Crystal	14.35	中国科学技术大学
2019	ACS Nano	A Plasmon-Mediated Electron Emission Process	13.70	中山大学
2019	Light- Sci. & Appl.	In-plane coherent control of plasmon resonances for plasmonic switching and encoding	13.62	南京理工大学
2019	Adv. Funct. Mater	Graphene Heterostructure Integrated Optical Fiber Bragg Grating for Light Motion Tracking and Ultrabroadband Photodetection from 400 nm to 10.768 μ m	13.32	苏州大学

2019	Adv. Funct. Mater	A Multibeam Interference Model for Analyzing Complex Near - Field Images of Polaritons in 2D van der Waals Microstructures	13.32	国家纳米中心
2019	Adv. Sci.	Anderson Localized Plasmon in Graphene with Random Tensile-Strain Distribution	12.44	物理所
2019	Adv. Sci.	A mid-infrared biaxial hyperbolic van der Waals crystal	12.44	中山大学 & 物理所
2019	Nat. Commun.	Gas identification with graphene plasmons	12.17	国家纳米中心
2019	Nat. Commun.	Soliton superlattices in twisted hexagonal boron nitride	12.17	上海微系统所
2019	Nano Lett.	Tailored Plasmons in Pentacene/Graphene Heterostructures with Interlayer Electron Transfer	12.08	南京大学
2019	Adv. Opt. Mater	Nanoimaging and Nanospectroscopy of Polaritons with Time Resolved s - SNOM	6.85	国家纳米中心
2019	ACS Photonics	Near-Field Imaging of Surface Plasmons from the Bulk and Surface State of Topological Insulator Bi ₂ Te ₂ Se	6.76	中国科学技术大学
2019	ACS Photonics	THz near-field imaging of extreme subwavelength metal structures	6.76	上海理工
2019	Solar RRL	Unrevealing Charge Carrier Selective Layer in Silicon Heterojunction Solar Cells via Multifunctional Atomic Force Probes	6.16	苏州大学
2019	J. Phys. Chem. C	Optical Response Properties of Stable and Controllable Au Nanorod Monolayer Meta-Arrays	4.77	中山大学
2019	J. Phys. Chem. C	TiN Nanorods as Effective Substrate for Surface-Enhanced Raman Scattering	4.77	清华大学
2019	Polymers	Synergistic Flame-Retardant Mechanism of Dicyclohexenyl Aluminum Hypophosphite and Nano-Silica	3.68	青岛理工
2019	Nanotechnology	Experimental observed plasmon near-field response in isolated suspended graphene resonators	3.40	南开大学
2019	Opt. Expr.	Real-space mapping of mid-infrared near-field of Yagi-Uda antenna in the emission mode	3.36	南开大学
2019	Materials	Growth Mechanisms and the Effects of Deposition Parameters on the Structure and Properties of High Entropy Film by Magnetron Sputtering	2.97	北京大学
2019	AIP Adv.	Nanofocusing on gold planar nanotip arrays	1.65	华中科技大学
2019	Chin. Phys. B	Plasmon reflection reveals local electronic properties of natural graphene wrinkles	1.47	物理所
2019	Acta Microscopica	Examination on Optical Properties of Two-Dimensional Materials Using Near-Field Optical Microscopy	0.29	长安大学
2019	Precision Eng.	Near-field microscopy inspection of nano scratch defects on the monocrystalline silicon surface	Nill	大连理工大学
2019	Appl. Mater. Today	Resonance coupling in hybrid gold nanohole-monolayer WS ₂ nanostructures	Nill	中山大学
2019	J. Synchrotron Radiat	Simultaneous scanning near-field optical and X-ray diffraction microscopy for correlative nanoscale structure-property characterization	Nill	南方科技大学
2018	Nature	In-plane anisotropic and ultra-low-loss polaritons in a natural van der Waals crystal	41.57	苏州大学
2018	Adv. Mater.	Optically Unraveling the Edge Chirality-Dependent Band Structure and Plasmon Damping in Graphene Edges	21.95	国家纳米中心 & 物理所
2018	Adv. Mater.	Highly Confined and Tunable Hyperbolic Phonon Polaritons in Van Der Waals Semiconducting Transition Metal Oxides	21.95	暨南大学 & 中山大学
2018	Adv. Mater.	Tunable Low Loss 1D Surface Plasmons in InAs Nanowires	21.95	物理所 & 北京大学
2018	Adv. Mater.	Engineering the Future of Silk Materials through Advanced Manufacturing	21.95	上海交通大学 & 上海微系统所
2018	ACS Nano	Highly Organized Epitaxy of Dirac Semimetallic PtTe ₂ Crystals with Extrahigh Conductivity and Visible Surface Plasmons at Edges	13.70	中国科学院化学所
2018	ACS Nano	Nanocombing Effect Leads to Nanowire-Based, in-Plane, Uniaxial Thin Films	13.70	厦门大学
2018	Adv. Funct. Mater.	CdS Nanoribbon-Based Resistive Switches with Ultrawidely Tunable Power by Surface Charge Transfer Doping	13.32	苏州大学
2018	Adv. Sci.	Flexible and Electrically Tunable Plasmons in Graphene- Mica Heterostructures	12.44	国家纳米中心
2018	Nano Lett.	Quantum Control of Graphene Plasmon Excitation and Propagation at Heaviside Potential Steps	12.08	中国科学技术大学
2018	Adv. Opt. Mater.	Spatial and Frequency Selective Plasmonic Metasurface for Long Wavelength Infrared Spectral Region	7.43	上海大学 & 上海技术物理所
2018	Adv. Opt. Mater.	Broadband Multifunctional Plasmonic Logic Gates	7.43	北京师范大学
2018	Nanoscale	Nano-Imaging of an Edge-Excited Plasmon Mode in Graphene	7.23	中国科学技术大学
2018	Nanoscale	Improving Luttinger-liquid plasmons in carbonnanotubes by chemical doping	7.23	燕山大学 & 物理所
2018	ACS Photonics	Terahertz Nanoimaging of Graphene	6.76	国家纳米中心
2018	J. Membrane Sci.	Highly stable aromatic poly (ether sulfone) composite ion exchange membrane for vanadium flow battery	6.58	大连化物所

2018	Adv. Health. Mater.	30 s Response Time of K ⁺ Ion-Selective Hydrogels Functionalized with 18-Crown-6 Ether Based on QCM Sensor	5.61	国家纳米中心
2018	Adv. Mater. Interf.	Selected-Area Chemical Nanoengineering of Vanadium Dioxide Nanostructures Through Nonlithographic Direct Writing	4.83	上海技术物理所
2018	Appl. Spectrosc. Rev.	Signal detection techniques for scattering-type scanning near-field optical microscopy	4.25	吉林大学 & 重庆绿能所
2018	Nanotechnology	Near-field imaging of graphene triangles patterned by helium ion lithography	3.40	南开大学
2018	Chin. Opt. Lett.	Highly responsive broadband black phosphorus photodetectors	1.95	苏州大学
2017	Adv. Mater.	The Light-Induced Field-Effect Solar Cell Concept – Perovskite Nanoparticle Coating Introduces Polarization Enhancing Silicon Cell Efficiency	19.79	苏州大学
2017	Adv. Mater.	Launching phonon polaritons by natural Boron Nitride wrinkles with modifiable dispersion by dielectric environments	19.79	物理所
2017	Light- Sci. & Appl.	Tailoring of electromagnetic field localizations by two-dimensional graphene nanostructures	13.60	中山大学
2017	Light- Sci. & Appl.	Effects of edge on graphene plasmons as revealed by infrared nanoimaging	13.60	苏州大学
2017	Adv. Sci.	Precise Protein Photolithography (P3): High Performance Biopatterning Using Silk Fibroin Light Chain as the Resist	12.44	上海微系统所
2017	Nat. Commun.	Nanoscale probing of electron regulated structural transitions in silk proteins by near field IR imaging and nano-spectroscopy	12.17	上海微系统所
2017	Nat. Commun.	Imaging metal-like monoclinic phase stabilized by surface coordination effect in vanadium dioxide nanobeam	12.17	中国科学技术大学
2017	Nanoscale	Study of graphene plasmons in graphene-MoS ₂ heterostructures for optoelectronic integrated devices	7.76	国家纳米中心
2017	ACS Appl. Mater. Interfaces	Highly Efficient and Air-stable Infrared Photodetector based on 2D layered graphene black phosphorus heterostructure	7.50	苏州大学
2017	ACS Appl. Mater. Interfaces	Growth of Large-Scale, Large-Size, Few-Layered α -MoO ₃ on SiO ₂ and Its Photoresponse Mechanism	7.50	暨南大学 & 香港中文大学
2017	Nano Research	Role of the carrier gas flow rate in monolayer MoS ₂ growth by modified chemical vapor deposition	7.35	大连化物所
2017	ACS Photonics	Infrared Nanoimaging Reveals the Surface Metallic Plasmons in Topological Insulator	6.76	苏州大学
2017	ACS Photonics	Bridged bowtie aperture antenna for producing and electromagnetic hot spot	6.76	中国科学技术大学
2017	J. Membrane Sci.	Highly stable aromatic poly (ether sulfone) composite ion exchange membrane for vanadium flow battery	6.58	国家纳米中心
2017	ACS Sens.	Flexible, Transparent, and Free-Standing Silicon Nanowire SERS Platform for in Situ Food Inspection	5.71	中山大学
2017	Adv. Electron. Mater.	Nanoimaging of Electronic Heterogeneity in Bi ₂ Se ₃ and Sb ₂ Te ₃ Nanocrystals	5.47	合肥物质院 & 大连化物所
2017	Nano-Micro Lett.	Molybdenum Nanoscrews: A Novel Non-coinage-Metal Substrate for Surface-Enhanced Raman Scattering	3.01	中山大学
2017	J. Phys. D: Appl. Phys.	High performance photodetector based on 2D CH ₃ NH ₃ PbI ₃ perovskite nanosheets	2.77	苏州大学
2017	Semicond. Sci. Tech.	PbI ₂ platelets for inverted planar organolead Halide Perovskite solar cells via ultrasonic spray deposition	2.31	北京大学深圳研究院
2016	Adv. Mater.	Far-Field Spectroscopy and Near-Field Optical Imaging of Coupled Plasmon-Phonon Polaritons in 2D van der Waals Heterostructures	19.79	物理所 & 国家纳米中心
2016	ACS Nano	Nanoscale Insights into the Hydrogenation Process of Layered α -MoO ₃	13.33	中山大学
2016	ACS Nano	Reversible Structural Swell – Shrink and Recoverable Optical Properties in Hybrid Inorganic – Organic Perovskite	13.33	苏州大学
2016	Nat. Commun.	Precise Protein Photolithography (P3): High Performance Biopatterning Using Silk Fibroin Light Chain as the Resist	12.17	上海微系统所
2016	2D Materials	Tailorable reflection of surface plasmons in defect engineered graphene	9.61	南开大学
2016	Nanoscale	Chemically-doped graphene with improved surface plasmon characteristics: an optical near-field study	7.76	中山大学
2015	Nanoscale	A centimeter-scale sub-10 nm gap plasmonic nanorod array film as versatile platform for enhancing light-matter interactions	7.76	中山大学



Quantum Design
中国子公司
Web: www.qd-china.com
Email: info@qd-china.com

北京办公室
北京市朝阳区酒仙桥路 10 号
恒通商务园 B22 座 501 室 100015
垂询电话: 010-85120280

上海办公室
上海市静安区威海路 511 号
上海国际集团大厦 1703A 室 200041
垂询电话: 021-52280980

广州办公室
广州市番禺区汉溪大道东 290 号
保利大都汇 A3 栋 1509 室 511495
垂询电话: 020-89202739